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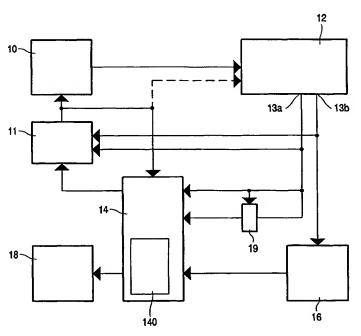
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(54) Title: BRANCH BASED ACTIVITY MONITORING



(57) Abstract: During execution of a program of computer instructions, the execution of branch instructions is detected, and in response, the activity of processing circuitry during execution of instructions following a branch instruction is measured. Respective information about the measured activity is recorded for each of a plurality of branch instructions. The measured activity is later used to adapt the power consumption mode of the processing circuitry after encountering the respective branch instructions.



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